



Title: RecA MUTANTS
Inventor(s): Michael M. Cox/Shelley L. Lusetti/Aimee L. Egger
Application No.:
Docket Number: 960296.99501

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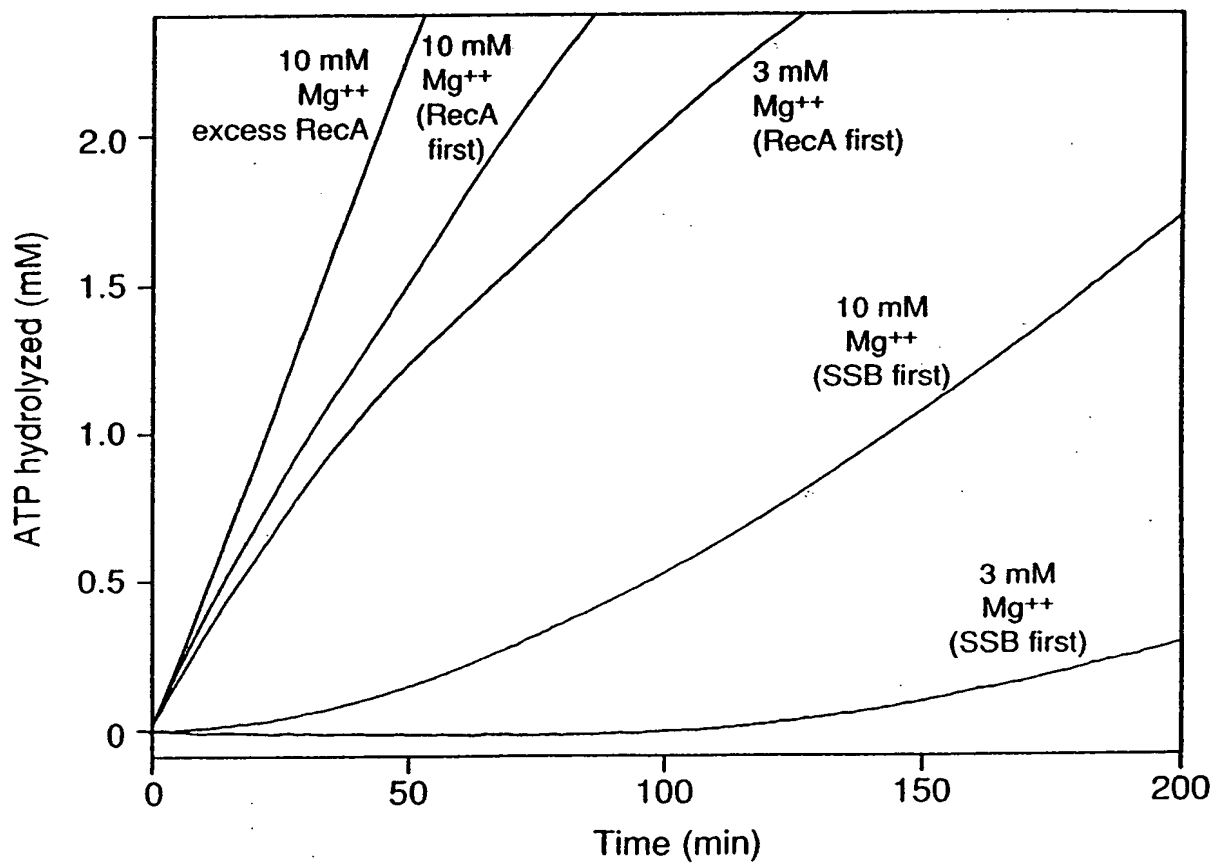


FIG 1

Title: RecA MUTANTS

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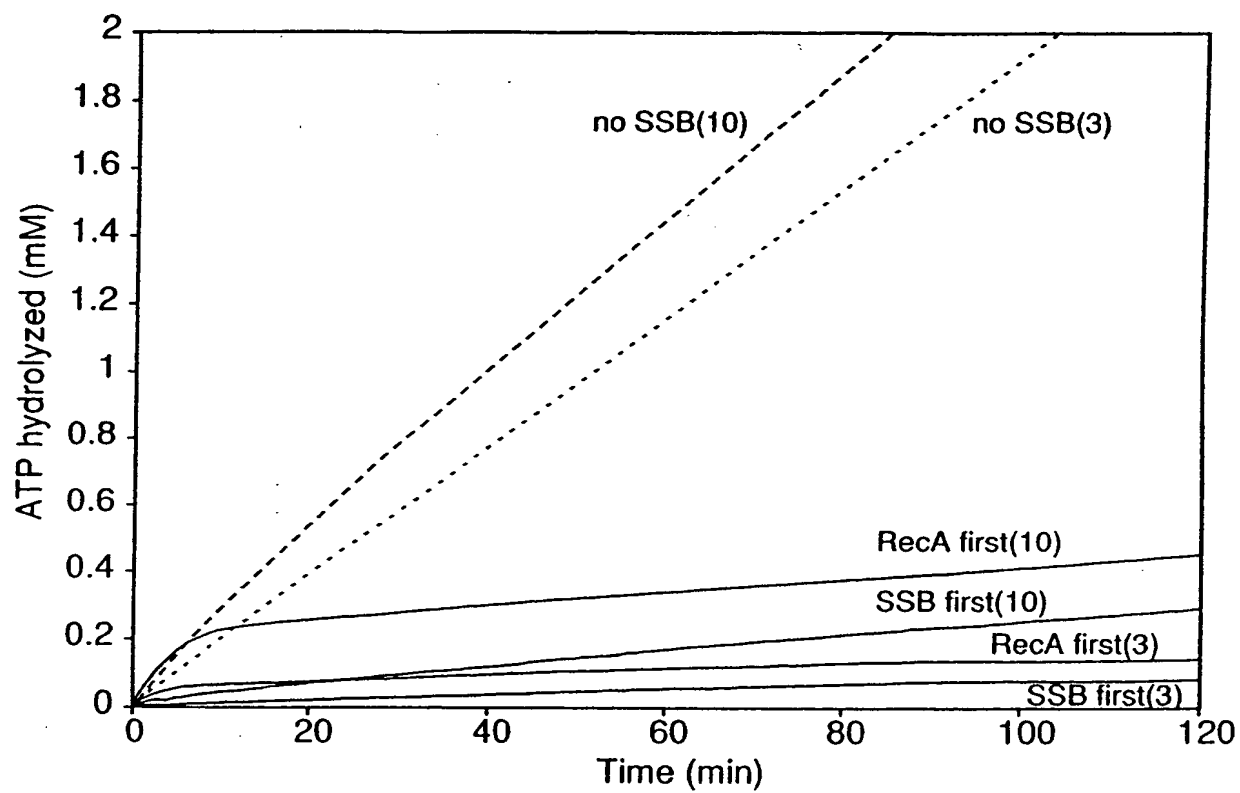


FIG 2

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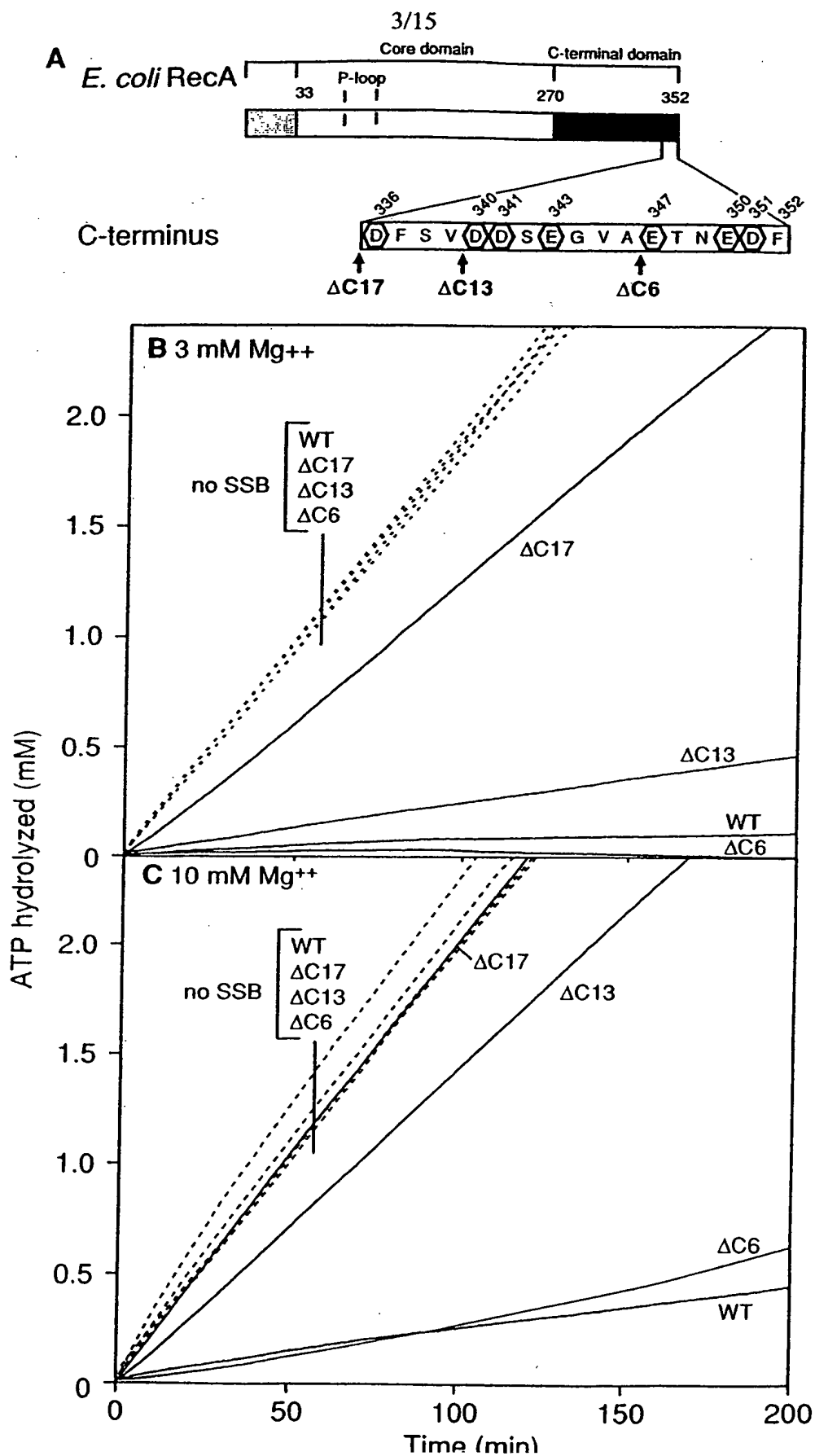


FIG 3

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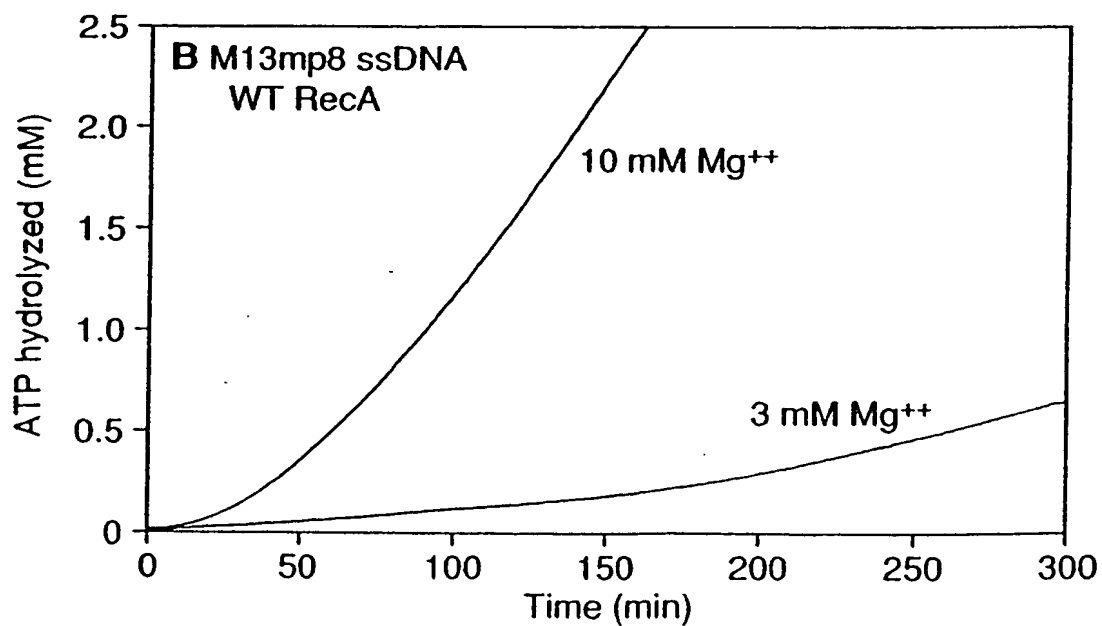
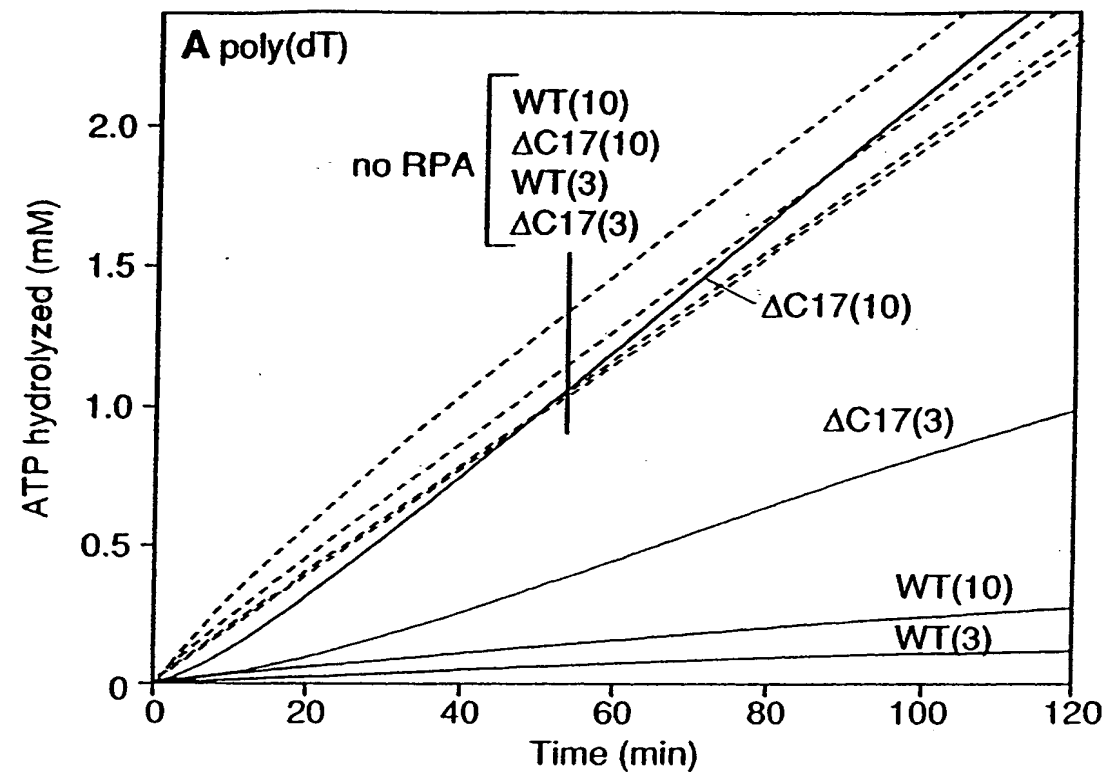


FIG 4

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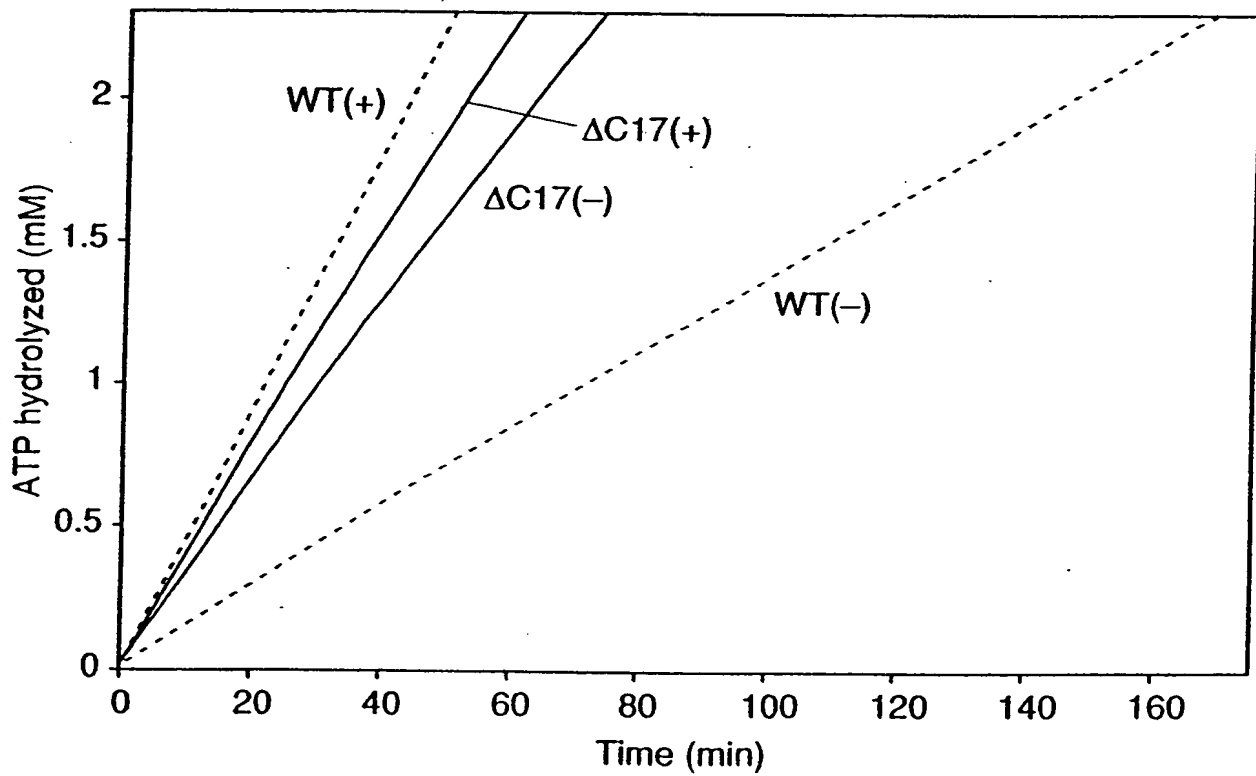


FIG 5

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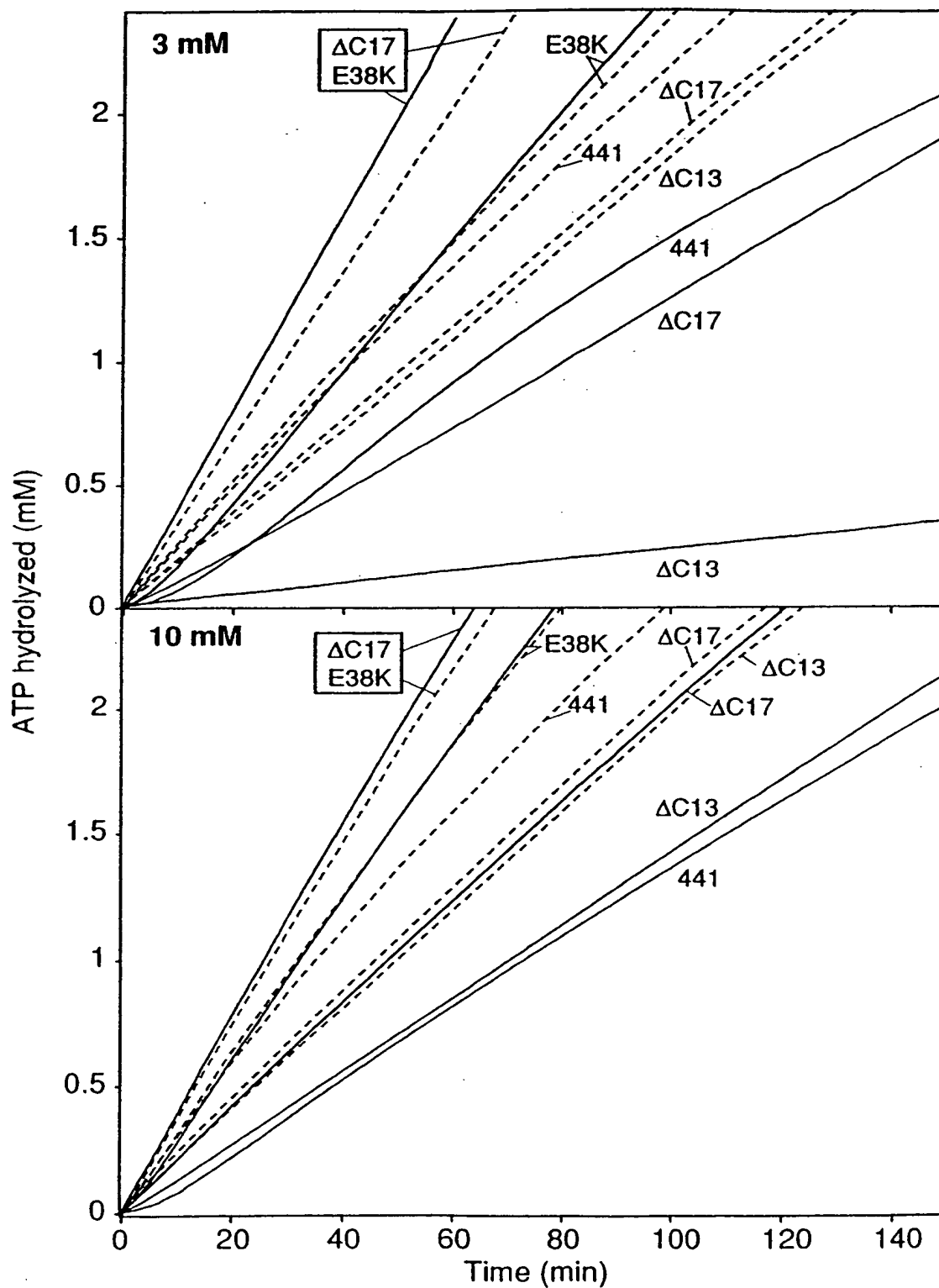


FIG 6

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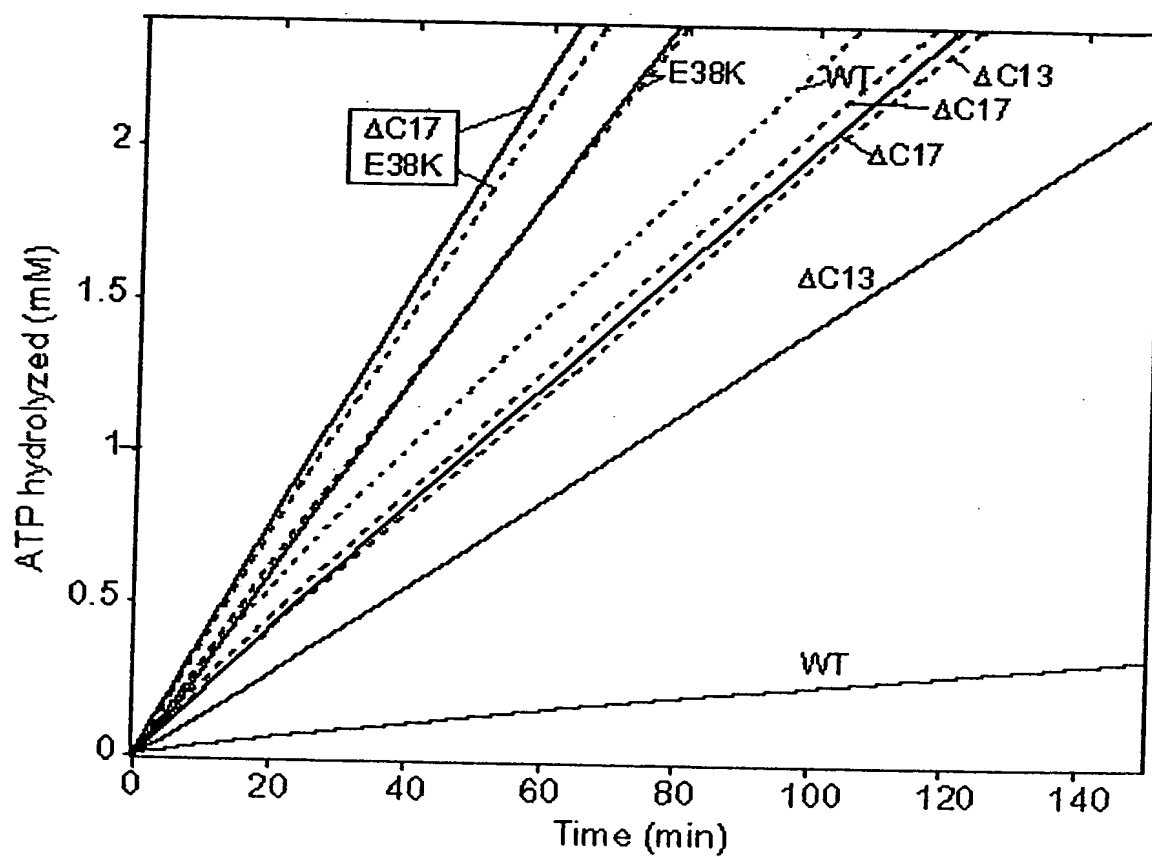


FIG 7

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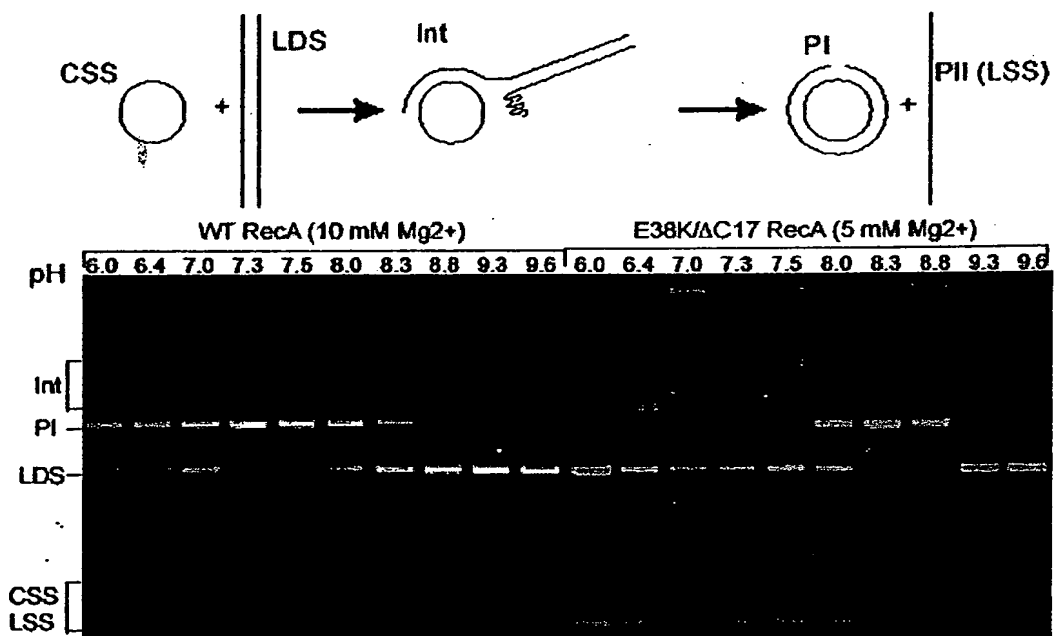


FIG 8

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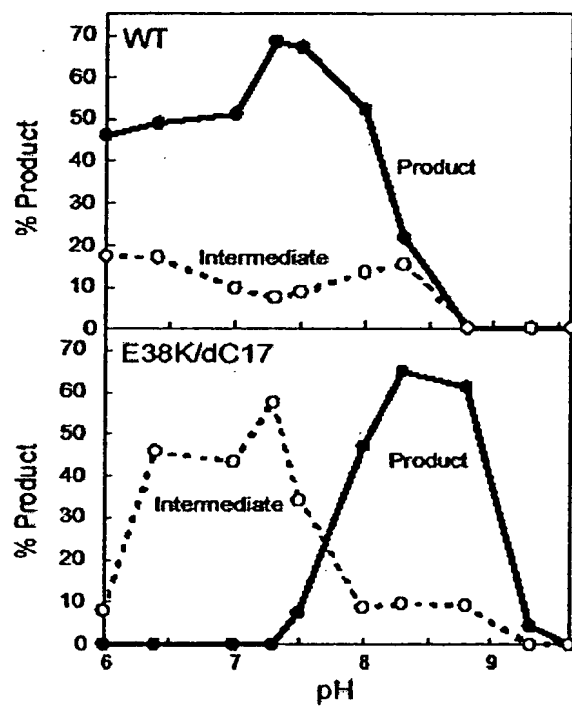


FIG 9

Title: RecA MUTANTS
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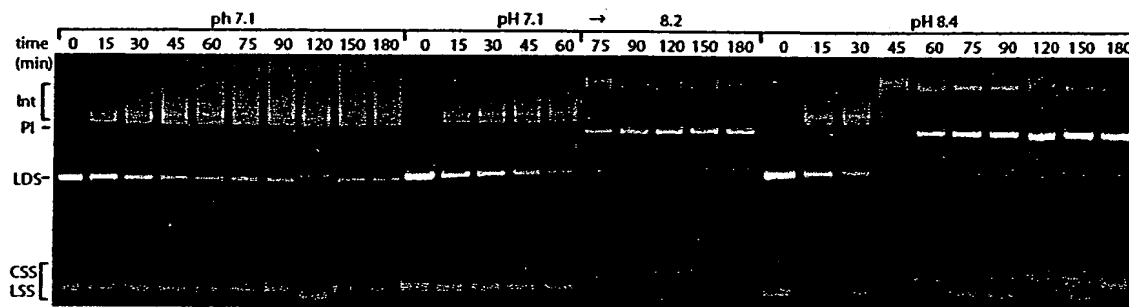


FIG 10

Title: RecA MUTANTS
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AIDENKQKA LAAALGQIEK QFGKGSIMRL GEDRSMDVET ISTGSLSLDI
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DPIYARKLGV DIDNLLCSQP DTGEQALEIC DALARSGAVD VIVVDSVAAL
TPKAEIEGEI GDSHMGLAAR MMSQAMRKLA GNLKQSNTLL IFINQIRMKI
GVMFGNPETT TGGNALKFYA SVRLDIRRIG AVKEGENVVG SETRVKVVKN
KIAAPFKQAE FQILYEGIN FYGELVDLGV KEKLIEKAGA WYSYKGEKIG
QGKANATAWL KDNPETAKEI EKKVRELLLS NPNSTP SEQ ID NO:1

FIG 11

Title: RecA MUTANTS
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1  ATGGCTATCG ACGAAAACAA ACAGAAAGCG TTGGCGGCAG CACTGGGCCA
51  GATTGAGAAA CAATTTGGTA AAGGCTCCAT CATGCGCCTG GGTGAAGACC
101 GTTCAATGGA TGTGGAAACC ATCTCTACCG GTTCGCTTTC ACTGGATATC
151 GCGCTTGGGG CAGGTGGTCT GCCGATGGGC CGTATCGTCG AGATCTACGG
201 ACCGGAATCT TCCGGTAAAA CCACGCTGAC GCTGCAGGTG ATCGCCGCAG
251 CGCAGCGTGA AGGTAAAACC TGTGCGTTTA TCGATGCTGA ACACGCGCTG
301 GACCCAATCT ACGCACGTAA ACTGGGCGTC GATATCGACA ACCTGCTGTG
351 CTCCCAGCCG GACACCGGCG AGCAGGCACT GGAAATCTGT GACGCCCTGG
401 CGCGTTCTGG CGCAGTAGAC GTTATCGTCG TTGACTCCGT GGCGGCACTG
451 ACGCCGAAAG CGGAAATCGA AGGCGAAATC GGCGACTCTC ACATGGGCCT
501 TGCGGCACGT ATGATGAGCC AGGCGATGCG TAAGCTGGCG GGTAACCTGA
551 AGCAGTCCAA CACGCTGCTG ATCTTCATCA ACCAGATCCG TATGAAAATT
601 GGTGTGATGT TCGGTAACCC GGAAACCACT ACCGGTGGTA ACGCGCTGAA
651 ATTCTACGCC TCTGTTCGTC TCGACATCCG TCGTATCGGC GCGGTGAAAG
701 AGGGCGAAAA CGTGGTGGGT AGCGAAACCC GCGTGAAAGT GGTGAAGAAC
751 AAAATCGCTG CGCCGTTTAA ACAGGCTGAA TTCCAGATCC TCTACGGCGA
801 AGGTATCAAC TTCTACGGCG AACTGGTTGA CCTGGGCGTA AAAGAGAAGC
851 TGATCGAGAA AGCAGGCGCG TGGTACAGCT ACAAAGGTGA GAAGATCGGT
901 CAGGGTAAAG CGAATGCGAC TGCCTGGCTG AAAGATAACC CGGAAACCGC
951 GAAAGAGATC GAGAAGAAAG TACGTGAGTT GCTGCTGAGC AACCCGAACT
1001 CAACGCCGTA A      SEQ ID NO:2
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FIG 12

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AIDENKQKA LAAALGQIEK QFGKGSIMRL GEDRSMDVKT ISTGSLSLDI
ALGAGGLPMG RIVEIYGPES SGKTTTLTQV IAAQREGKT CAFIDAEHAL
DPIYARKLGV DIDNLLCSQP DTGEQALEIC DALARSGAVD VIVVDSVAAL
TPKAEIEGEI GDSHMGLAAR MMSQAMRKLA GNLKQSNTLL IFINQIRMKI
GVMFGNPETT TGGNALKFYA SVRLDIRRIG AVKEGENVVG SETRVKVVK
KIAAPFKQAE FQILYEGIN FYGELVDLGV KEKLIEKAGA WYSYKGEKIG
QGKANATAWL KDNPETAKEI EKKVRELLS NPNSTP* SEQ ID NO:3

FIG 13

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1 ATGGCTATCG ACGAAAACAA ACAGAAAGCG TTGGCGGCAG CACTGGGCCA
51 GATTGAGAAA CAATTTGGTA AAGGCTCCAT CATGCGCCTG GGTGAAGACC
101 GTTCCATGGA TGTGAAAACC ATCTCTACCG GTTCGCTTTC ACTGGATATC
151 GCGCTTGGGG CAGGTGGTCT GCCGATGGGC CGTATCGTCG AGATCTACGG
201 ACCGGAATCT TCCGGTAAAA CCACGCTGAC GCTGCAGGTG ATCGCCGCAG
251 CGCAGCGTGA AGGTAAAACC TGTGCGTTTA TCGATGCTGA ACACGCGCTG
301 GACCCAATCT ACGCACGTAA ACTGGGCGTC GATATCGACA ACCTGCTGTG
351 CTCCCAGCCG GACACCGGCG AGCAGGCACT GGAAATCTGT GACGCCCTGG
401 CGCGTTCTGG CGCAGTAGAC GTTATCGTCG TTGACTCCGT GGCGGCACTG
451 ACGCCGAAAG CGGAAATCGA AGGCGAAATC GGCGACTCTC ACATGGGCCT
501 TGCGGCACGT ATGATGAGCC AGGCGATGCG TAAGCTGGCG GGTAACCTGA
551 AGCAGTCCAA CACGCTGCTG ATCTTCATCA ACCAGATCCG TATGAAAATT
601 GGTGTGATGT TCGGTAACCC GGAAACCACT ACCGGTGGTA ACGCGCTGAA
651 ATTCTACGCC TCTGTTCGTC TCGACATCCG TCGTATCGGC GCGGTGAAAG
701 AGGGCGAAAA CGTGGTGGGT AGCGAAACCC GCGTGAAAGT GGTGAAGAAC
751 AAAATCGCTG CGCCGTTTAA ACAGGCTGAA TTCCAGATCC TCTACGGCGA
801 AGGTATCAAC TTCTACGGCG AACTGGTTGA CCTGGGCGTA AAAGAGAAGC
851 TGATCGAGAA AGCAGGCGCG TGGTACAGCT ACAAAGGTGA GAAGATCGGT
901 CAGGGTAAAG CGAATGCGAC TGCCTGGCTG AAAGATAACC CGGAAACCGC
951 GAAAGAGATC GAGAAGAAAG TACGTGAGTT GCTGCTGAGC AACCCGAAT
1001 CAACGCCGTA A SEQ ID NO:4

FIG 14

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TPKAEIEGEI GDSHMGLAAR MMSQAMRKLA GNLKQSNLTL IFINQIRMKI
GVMFGNPETT TGGNALKFYA SVRLDIRRIG AVKEGENVVG SETRVKVVKN
KIAAPFKQAE FQILYEGIN FYGELVDLGV KEKLIEKAGA WYSYKGEKIG
QGGANATAWL KDNPETAKEI EKKVRELLLS NPNSTPDFSV DDSEGVAETN EDF
SEQ ID NO: 5

FIG 15